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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/845,025	04/27/2001	Jennifer Ott Reilly	CIBT-P01-098

28120  
ROPES & GRAY  
ONE INTERNATIONAL PLACE  
BOSTON, MA 02110-2624



CONFIRMATION NO. 1533

## FORMALITIES LETTER



\*OC000000007174103\*

Date Mailed: 12/10/2001

### NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d). Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



01/1023

BRANCH



## CRF Problem Report

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 09/845 025

Filing Date: April 27 2001

Date Processed by STIC: 11/30/01

STIC Contact: Mark Spencer, 703-308-4212

### Nature of Problem:

The CRF (was):

☐ (circle one) Damaged or Unreadable (for Unreadable, see attached)

☐ Blank (no files on CRF) (see attached)

☐ Empty file (filename present, but no bytes in file) (see attached)

☐ Virus-infected. Virus name: \_\_\_\_\_ The STIC will not process the CRF.

☐ Not saved in ASCII text

☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should only be the Sequence Listing.

☒ Did not contain a Sequence Listing. (see attached sample)

☐ Other: \_\_\_\_\_

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JAN 30 2002  
TECH CENTER 1600/2900

**PLEASE USE THE CHECKER VERSION 3.0 PROGRAM TO REDUCE ERRORS.  
SEE BELOW FOR DETAILS:**

### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>



Does Not Comply  
Corrected Diskette Needed

SEQUENCE LISTING

Comply  
Corrected Diskette Needed

- 5 (2) INFORMATION FOR SEQ ID NO:1:  
    (i) SEQUENCE CHARACTERISTICS:  
        (A) LENGTH: 1277 base pairs  
        (B) TYPE: nucleic acid  
10       (C) STRANDEDNESS: both  
        (D) TOPOLOGY: linear  
  
    (ii) MOLECULE TYPE: cDNA  
  
15     (ix) FEATURE:  
        (A) NAME/KEY: CDS  
        (B) LOCATION: 1..1275  
  
20     (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

① Current Application Information  
is Required

② Current Application Information  
is Missing

③ Only patent applications with  
prior claim active before  
July 1, 1998 may use old  
format

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ATG GTC GAA ATG CTG CTG TTG ACA AGA ATT CTC TTG GTG GGC TTC ATC  
48  
Met Val Glu Met Leu Leu Leu Thr Arg Ile Leu Leu Val Gly Phe Ile  
25     1                     5                     10                     15  
  
TGC GCT CTT TTA GTC TCC TCT GGG CTG ACT TGT GGA CCA GGC AGG GGC  
96  
Cys Ala Leu Leu Val Ser Ser Gly Leu Thr Cys Gly Pro Gly Arg Gly  
30                     20                     25                     30  
  
ATT GGA AAA AGG AGG CAC CCC AAA AAG CTG ACC CCG TTA GCC TAT AAG  
144  
Ile Gly Lys Arg Arg His Pro Lys Lys Leu Thr Pro Leu Ala Tyr Lys  
35             35                     40                     45  
  
CAG TTT ATT CCC AAT GTG GCA GAG AAG ACC CTA GGG GCC AGT GGA AGA  
192  
Gln Phe Ile Pro Asn Val Ala Glu Lys Thr Leu Gly Ala Ser Gly Arg  
40             50                     55                     60  
  
TAT GAA GGG AAG ATC ACA AGA AAC TCC GAG AGA TTT AAA GAA CTA ACC  
240  
Tyr Glu Gly Lys Ile Thr Arg Asn Ser Glu Arg Phe Lys Glu Leu Thr  
45             65                     70                     75                     80  
  
CCA AAT TAC AAC CCT GAC ATT ATT TTT AAG GAT GAA GAG AAC ACG GGA  
288  
Pro Asn Tyr Asn Pro Asp Ile Ile Phe Lys Asp Glu Glu Asn Thr Gly  
50                     85                     90                     95  
  
GCT GAC AGA CTG ATG ACT CAG CGC TGC AAG GAC AAG CTG AAT GCC CTG  
336  
Ala Asp Arg Leu Met Thr Gln Arg Cys Lys Asp Lys Leu Asn Ala Leu  
55                     100                     105                     110  
  
GCG ATC TCG GTG ATG AAC CAG TGG CCC GGG GTG AAG CTG CGG GTG ACC  
384  
Ala Ile Ser Val Met Asn Gln Trp Pro Gly Val Lys Leu Arg Val Thr  
60             115                     120                     125

	GAG GGC TGG GAC GAG GAT GGC CAT CAC TCC GAG GAA TCG CTG CAC TAC
	432
5	Glu Gly Trp Asp Glu Asp Gly His His Ser Glu Glu Ser Leu His Tyr
	130 135 140
	GAG GGT CGC GCC GTG GAC ATC ACC ACG TCG GAT CGG GAC CGC AGC AAG
	480
10	Glu Gly Arg Ala Val Asp Ile Thr Thr Ser Asp Arg Asp Arg Ser Lys
	145 150 155 160
	TAC GGA ATG CTG GCC CGC CTC GCC GTC GAG GCC GGC TTC GAC TGG GTC
	528
15	Tyr Gly Met Leu Ala Arg Leu Ala Val Glu Ala Gly Phe Asp Trp Val
	165 170 175
	TAC TAC GAG TCC AAG GCG CAC ATC CAC TGC TCC GTC AAA GCA GAA AAC
	576
20	Tyr Tyr Glu Ser Lys Ala His Ile His Cys Ser Val Lys Ala Glu Asn
	180 185 190
	TCA GTG GCA GCG AAA TCA GGA GGC TGC TTC CCT GGC TCA GCC ACA GTG
	624
25	Ser Val Ala Ala Lys Ser Gly Gly Cys Phe Pro Gly Ser Ala Thr Val
	195 200 205
	CAC CTG GAG CAT GGA GGC ACC AAG CTG GTG AAG GAC CTG AGC CCT GGG
	672
30	His Leu Glu His Gly Gly Thr Lys Leu Val Lys Asp Leu Ser Pro Gly
	210 215 220
	GAC CGC GTG CTG GCT GCT GAC GCG GAC GGC CGG CTG CTC TAC AGT GAC
	720
35	Asp Arg Val Leu Ala Ala Asp Ala Asp Gly Arg Leu Leu Tyr Ser Asp
	225 230 235 240
	TTC CTC ACC TTC CTC GAC CGG ATG GAC AGC TCC CGA AAG CTC TTC TAC
	768
40	Phe Leu Thr Phe Leu Asp Arg Met Asp Ser Ser Arg Lys Leu Phe Tyr
	245 250 255
	GTC ATC GAG ACG CGG CAG CCC CGG GCC CGG CTG CTA CTG ACG GCG GCC
	816
45	Val Ile Glu Thr Arg Gln Pro Arg Ala Arg Leu Leu Leu Thr Ala Ala
	260 265 270
	CAC CTG CTC TTT GTG GCC CCC CAG CAC AAC CAG TCG GAG GCC ACA GGG
	864
50	His Leu Leu Phe Val Ala Pro Gln His Asn Gln Ser Glu Ala Thr Gly
	275 280 285
	TCC ACC AGT GGC CAG GCG CTC TTC GCC AGC AAC GTG AAG CCT GGC CAA
	912
55	Ser Thr Ser Gly Gln Ala Leu Phe Ala Ser Asn Val Lys Pro Gly Gln
	290 295 300
	CGT GTC TAT GTG CTG GGC GAG GGC GGG CAG CAG CTG CTG CCG GCG TCT
	960
60	Arg Val Tyr Val Leu Gly Glu Gly Gly Gln Gln Leu Leu Pro Ala Ser
	305 310 315 320

09/845075A

Read fault error reading drive A  
Abort, Retry, Fail?F

Read fault error reading drive A  
Abort, Retry, Fail?  
Abort, Retry, Fail?

← onscreen message  
when STIC PC tried to  
read submitted disk



OIPE

RAW SEQUENCE LISTING

DATE: 10/30/2001

PATENT APPLICATION: US/09/845,025

TIME: 11:21:36

Input Set : A:\8639769\_1.txt

Output Set: N:\CRF3\10302001\I845025.raw

SEQUENCE LISTING

*Look at Docket*

*Actual Docket Contents  
as of 11/05/01 at 1:25 pm*

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/845,025

DATE: 10/30/2001

TIME: 11:21:37

Input Set : A:\8639769\_1.txt

Output Set: N:\CRF3\10302001\I845025.raw

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